



11-08-04

TJW

PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

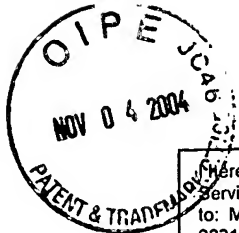
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/789,100-Conf. #7692	
	Filing Date	February 27, 2004	
	First Named Inventor	Douglas S. Lacy	
	Art Unit	3644	
	Examiner Name	S. A. Holzen	
Total Number of Pages in This Submission	7	Attorney Docket Number	030048107US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Return Receipt Postcard; SB08 (4 Pages); Cited References (19 Enclosed)
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PERKINS COIE LLP Tim R. Seeley - 53,575
Signature	
Date	November 2, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV488422660US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: 11/4/2004	Signature: (Melody Almberg)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV488422660US, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 11/4/04

Signature: Melody Almberg
(Melody Almberg)

Docket No.: 030048107US
Client Ref No. 03-1097
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Lacy et al.

Application No.: 10/789,100

Confirmation No.: 7692

Filed: February 27, 2004

Art Unit: 3644

For: AIRCRAFT LEADING EDGE DEVICE
SYSTEMS AND CORRESPONDING
SIZING METHODS

Examiner: S. A. Holzen

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of only the foreign patents and non patent literature documents is attached.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this

Application No.: 10/789,100

Docket No.: 030048107US

application by this firm) to our Deposit Account No. 50-0665, under Order No. 030048107US.

Dated: Nov 2, 2004

Respectfully submitted,

By Tim R. Seeley

Tim R. Seeley

Registration No.: 53,575

PERKINS COIE LLP

P.O. Box 1247

Seattle, Washington 98111-1247

(206) 359-8000

(206) 359-7198 (Fax)

Attorney for Applicant



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/789,100-Conf. #7692
				Filing Date	February 27, 2004
				First Named Inventor	Douglas S. Lacy
				Art Unit	3644
				Examiner Name	S. A. Holzen
Sheet	1	of	4	Attorney Docket Number	030048107US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-1,770,575	07-15-1930	Ksoll	
		US-10/454,417		Neal V. Huynh	
		US-10/746,883		Boorman	
		US-10/746,912		Boorman	
		US-10/787,644		Tafs et al.	
		US-10/798,749		Sandell et al.	
		US-10/814,369		Chen et al.	
		US-10/814,494		Gunn et al.	
		US-10/815,034		Crane et al.	
		US-2,387,492	10-23-1945	Blaylock et al.	
		US-2,422,296	06-17-1947	Flader et al.	
		US-2,458,900	01-11-1949	Erny	
		US-2,652,812	09-22-1953	Fenzl	
		US-2,665,084	01-05-1954	Feeney et al.	
		US-2,864,239	12-16-1958	Taylor	
		US-2,891,740	06-23-1959	Campbell	
		US-2,920,844	01-12-1960	Marshall et al.	
		US-2,990,144	06-27-1961	Hougland	
		US-2,990,145	06-27-1961	Hougland	
		US-2003-0058134	03-27-2003	Lance Sherry	
		US-2003-0132860	07-17-2003	Thea Feyereisen	
		US-2004-0004162	01-08-2004	Kevin Beyer	
		US-2004-0059474	03-25-2004	Daniel Boorman	
		US-3,102,607	09-03-1963	Roberts	
		US-3,112,089	11-26-1963	Dornier	
		US-3,191,147	06-22-1965	Majendie	
		US-3,375,998	04-02-1968	Alvarez-Calderon	
		US-3,447,763	06-03-1969	Allcock	
		US-3,504,870	04-07-1970	Cole et al.	
		US-3,556,439	01-19-1971	Autry et al.	
		US-3,704,828	12-05-1972	Studer et al.	
		US-3,704,843	12-05-1972	Jenny	
		US-3,743,219	07-03-1973	Gorges	
		US-3,794,276	02-26-1974	Maltby et al.	
		US-3,831,886	08/1974	Burdges et al.	
		US-3,836,099	09/1974	O'Neill et al.	
		US-3,837,601	09-24-1974	Cole	
		US-3,862,730	01-28-1975	Heiney	
		US-3,910,530	10-07-1975	James et al.	
		US-3,941,334	03-02-1976	Cole	
		US-3,941,341	03-02-1976	Brogdon, Jr.	
		US-3,994,451	11-30-1976	Cole	
		US-4,015,787	04-05-1977	Maieli et al.	
		US-4,117,996	10-03-1978	Sherman	
		US-4,131,253	12-26-1978	Zapel	
		US-4,171,787	10-23-1979	Zapel	
Examiner Signature				Date Considered	

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/789,100-Conf. #7692
				Filing Date	February 27, 2004
				First Named Inventor	Douglas S. Lacy
				Art Unit	3644
				Examiner Name	S. A. Holzen
Sheet	2	of	4	Attorney Docket Number	030048107US

	US-4,189,121	02-19-1980	Harper et al.	
	US-4,189,122	02-19-1980	Miller	
	US-4,200,253	04/1980	Rowarth	
	US-4,247,843	01-27-1981	HARRY MILLER	
	US-4,262,868	04-21-1981	ROY D. DEAN	
	US-4,275,942	06-30-1981	Steidl	
	US-4,285,482	08-25-1981	Lewis	
	US-4,293,110	10-06-1981	WILBUR DUFF MIDDLETON	
	US-4,312,486	01-26-1982	MAURICE E. MC KINNEY	
	US-4,325,123	04-13-1982	DONALD A. GRAHAM	
	US-4,351,502	09-28-1982	FRANK D. STATKUS	
	US-4,368,937	01-18-1983	Palombo et al.	
	US-4,427,168	01-24-1984	MAURICE E. MC KINNEY	
	US-4,461,449	07-24-1984	Turner	
	US-4,471,927	09-18-1984	PETER K. C. RUDOLPH	
	US-4,475,702	10-09-1984	JAMES B. COLE	
	US-4,485,992	12-04-1984	DHANVADA M. RAO	
	US-4,496,121	01-29-1985	J. BURTON BERLIN	
	US-4,553,722	11-19-1985	JAMES B. COLE	
	US-4,575,030	03-11-1986	LOUIS B. GRATZER	
	US-4,650,140	03-17-1987	JAMES B. COLE	
	US-4,700,911	10-20-1987	HERBERT ZIMMER	
	US-4,702,441	10-27-1987	TIMOTHY WANG	
	US-4,706,913	11-17-1987	JAMES B. COLE	
	US-4,717,097	01-05-1988	JAMES L. SEPSTRUP	
	US-4,784,355	11-15-1988	GERALD T. BRINE	
	US-4,786,013	11-22-1988	ULRICH POHL	
	US-4,856,735	08-15-1989	MICHAEL LOTZ	
	US-4,860,007	08-22-1989	MICHAEL L. KONICKE	
	US-4,899,284	01-01-2001	GEORGE E. LEWIS	
	US-4,962,902	10-16-1990	RUDY F. FORTES	
	US-5,088,665	02-18-1992	PAUL M. H. W. VIJGEN	
	US-5,094,412	03-10-1992	JIMMY C. NARRAMORE	
	US-5,100,082	03-31-1992	RALPH ARCHUNG	
	US-5,114,100	05-19-1992	PETER K. C. RUDOLPH	
	US-5,129,597	07-14-1992	HEINZ MANTHEY	
	US-5,158,252	10-27-1992	SEIYA SAKURAI	
	US-5,167,383	12-01-1992	YOSHIO NOZAKI	
	US-5,203,619	04-20-1993	JOHN H. WELSCH	
	US-5,244,269	09-14-1993	MICHAEL HARRIEHAUSEN	
	US-5,351,914	10-04-1994	TORU NAGAO	
	US-5,420,582	05-30-1995	WOLFGANG KUBBAT	
	US-5,441,218	08-15-1995	HANS-JUERGEN MUELLER	
	US-5,474,265	12-12-1995	PATRICK CAPBERN	
	US-5,535,852	07-16-1996	DAVID J. BISHOP	
	US-5,544,847	08-13-1996	WAYNE T. BLIESNER	
	US-5,600,220	02-04-1997	BRUNO THORAVAL	
	US-5,609,020	03-11-1997	JOHN JACKSON	
	US-5,715,163	02-03-1998	ERIC S. BANG	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete If Known	
				Application Number	10/789,100-Conf. #7692
				Filing Date	February 27, 2004
				First Named Inventor	Douglas S. Lacy
				Art Unit	3644
				Examiner Name	S. A. Holzen
Sheet	3	of	4	Attorney Docket Number	030048107US

	US-5,743,490	04-28-1998	GARY D. GILLINGHAM	
	US-5,746,490	05-05-1998	GEORG DOMENIG	
	US-5,875,998	01-01-2001	WOLFGANG GLEINE	
	US-5,927,656	07-27-1999	MICHAEL J. HINKLEMAN	
	US-5,934,615	08-10-1999	KURT E. TREICHLER	
	US-5,978,715	11-02-1999	MICHEL BRIFFE	
	US-6,015,117	01-18-2000	MICHAEL C. BROADBENT	
	US-6,045,204	04-04-2000	JOE K. FRAZIER	
	US-6,057,786	05-02-2000	MICHEL BRIFFE	
	US-6,073,624	06-13-2000	ULF LAURENT	
	US-6,076,776	06-20-2000	ELMAR J. BREITBACH	
	US-6,085,129	07-04-2000	MICHAEL T. SCHARDT	
	US-6,109,567	08-29-2000	MANUEL MUNOZ	
	US-6,112,141	08-29-2000	MICHEL BRIFFE	
	US-6,161,801	01-01-2001	ROLAND KELM	
	US-6,188,937	02-13-2001	LANCE C. SHERRY	
	US-6,213,433	04-10-2001	Cynthia Gruensfelder	
	US-6,293,497	09-25-2001	ROBERT H. KELLEY-WICKEMEYER	
	US-6,328,265	12-11-2001	FARUK DIZDAREVIC	
	US-6,349,798	02-26-2002	RICHARD JOHN MCKAY	
	US-6,364,254	04-02-2002	Peter May	
	US-6,375,126	04-23-2002	Seiya Sakurai	
	US-6,389,333	05-14-2002	R. JOHN HANSMAN	
	US-6,443,394	09-03-2002	Norbert Weisend	
	US-6,484,969	08-09-2001	Wilfried Sprenger	
	US-6,547,183	02-06-2003	Jeffrey Farnsworth	
	US-6,554,229	04-29-2003	Lawrence Lam	
	US-6,591,169	05-08-2003	Richard Jones	
	US-6,598,829	10-24-2002	Paulus Kamstra	
	US-6,598,834	01-17-2002	James Nettle	
	US-6,601,801	08-05-2003	Clayton Prow	
	US-6,625,982	09-05-2002	Dominique Van Den Bossche	
	US-6,644,599	08-01-2002	Juan Perez	
	US-6,745,113	12-11-2003	John Griffin	
	US-6,796,534	09-28-2004	Kevin Beyer	
	US-60/475,828		Kevin W. Beyer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP-0 947 421	10-06-1999	British Aerospace Public Ltd Co.		
		EP-0 103 038	03-21-1984	The Boeing Company		
		WO-02/24530	03-28-2002	Honeywell International Inc.		
		GB-886,136	01-03-1962	Majendie		
		EP-0 489 521	06-10-1992	Smiths Industries Public Ltd Co		
		EP-0 370 640	05-30-1990	Smiths Industries Public Ltd Co		
Examiner Signature				Date Considered		

Substitute for form 1449A/B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/789,100-Conf. #7692
				Filing Date	February 27, 2004
				First Named Inventor	Douglas S. Lacy
				Art Unit	3644
				Examiner Name	S. A. Holzen
Sheet	4	of	4	Attorney Docket Number	030048107US

	GB-2 144 688A	03-13-1985	British Aerospace Public Ltd Company	
--	---------------	------------	--------------------------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those patent(s) or publication(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(e)) because that application was filed after June 30, 2003. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Boeing, 777 Aircraft Maintenance Manual, September 5, 2002 (page 39)	
		777 Transmission - Typical, 777 Maintenance Manual, Publication Date: Circa 1994 (1 page)	
		European Search Report for European Patent Application No. EP 03 07 7840, The Boeing Company, November 4, 2003 (2 pgs)	
		International Search Report, PCT/US03/19724/ September 11, 2003, 5 pages	
		A340 Flight Controls, SAE Presentation, Publication Date: Circa 1995 (1 page)	
		777 High Lift System, 777 Maintenance Manual, Publication Date: Circa 1994 (1 page)	
		MOOG, Component Maintenance Manual, May 1994 (2 pages)	
		NIU, Chen-Yen, Airframe Structural Design, Chen-Yeun Niu, Connilit Press, 1988 (1 page)	
		DRELA, Mark, "Design and Optimization Method for Multi-Element Airfoils," MIT Department of Aeronautics and Astronautics, Copyright 1993 American Institute of Aeronautics and Astronautics, Inc. (pgs 1-11)	
		A320 Hinterkanten-Klappen-Verstell System, Trailing Edge Flap System, SAE Presentation, Publication Date: Circa 1990 (1 page)	
		Flap Drive System, 777 Maintenance Manual, Publication Date: Circa 1994 (1 page)	
		Flap Transmission and Support, 777 Maintenance Manual, Publication Date: Circa 1994 (1 page)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--